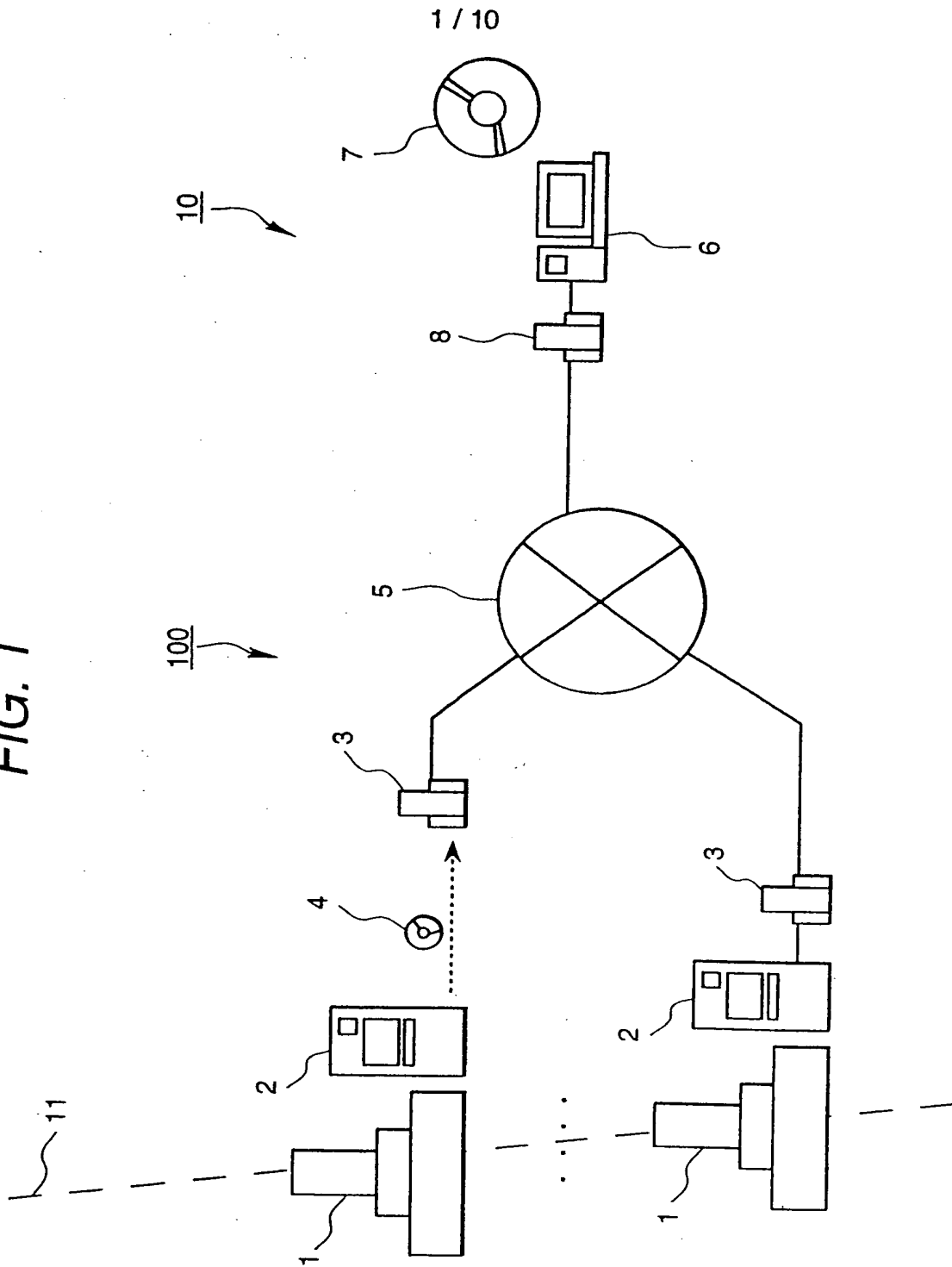


FIG. 1



*FIG. 2*

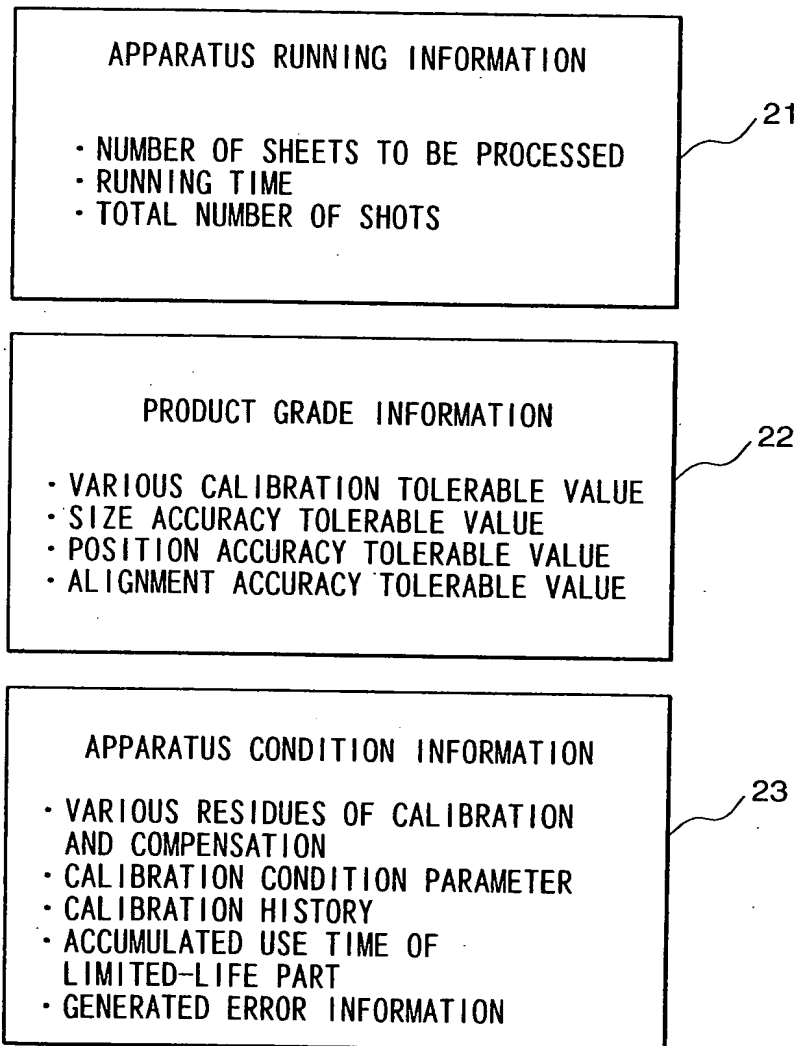


FIG. 3

## CHARGING SYSTEM FLOW

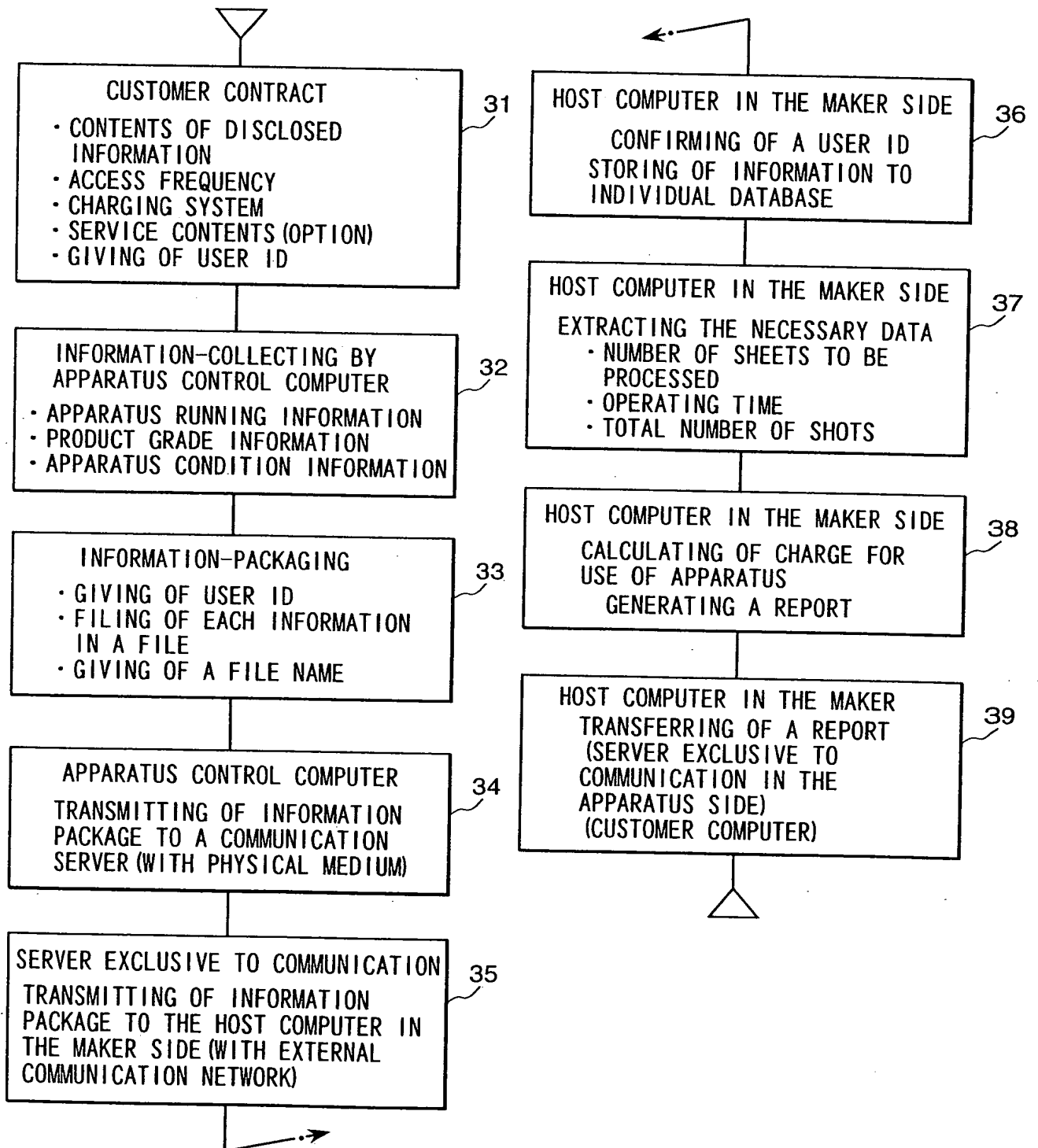
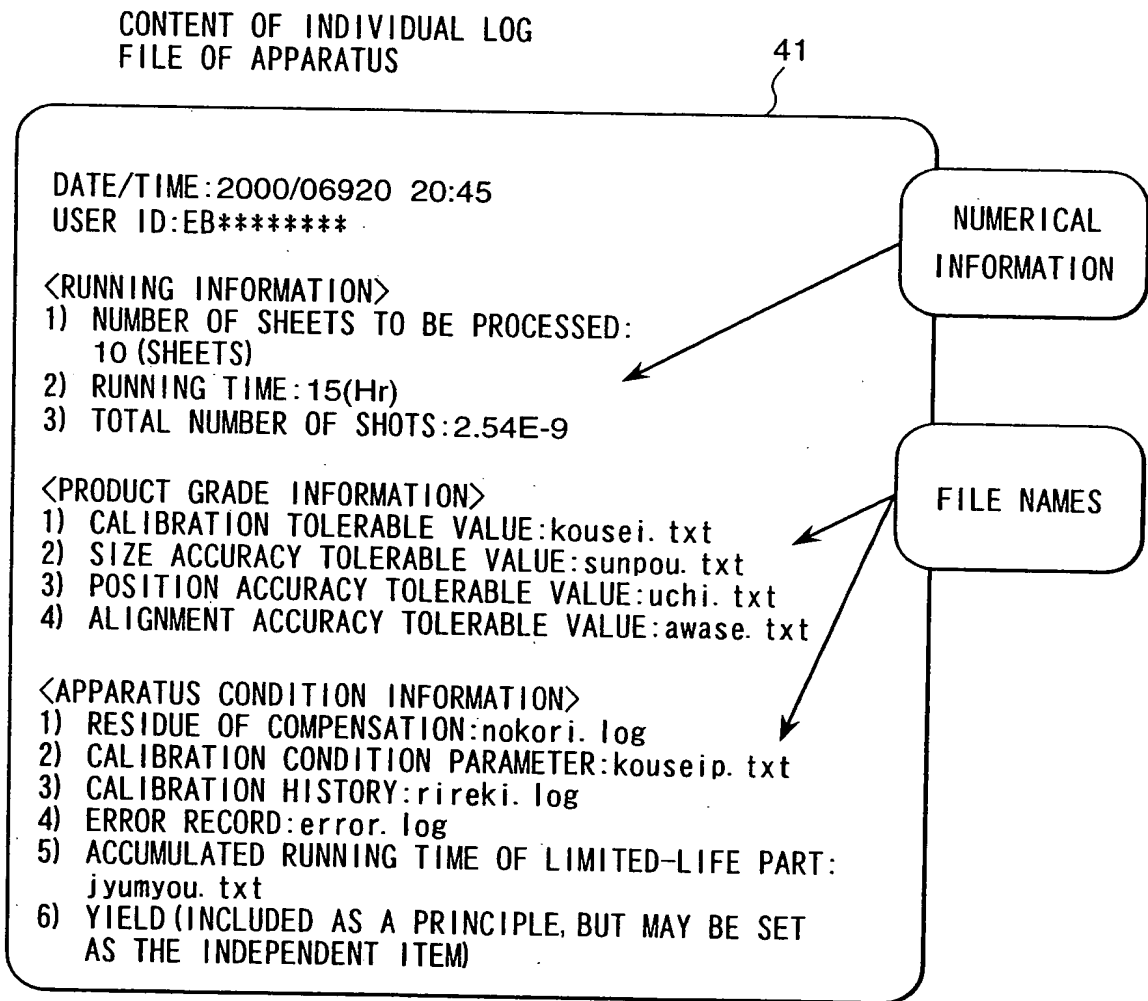


FIG. 4



## FIG. 5

### EXAMPLE OF CHARGE-CALCULATION ALGORITHM

(EXAMPLE 1) . . . SIMPLE PROPORTION TO THE NUMBER  
OF SHEETS TO BE PROCESSED

CHARGE FOR USE=NUMBER OF SHEETS TO BE PROCESSED $\times$ UNIT PRICE IN THE CONTRACT

(EXAMPLE 2) . . . SIMPLE PROPORTION TO NUMBER OF SHOTS

CHARGE FOR USE=TOTAL NUMBER OF SHOTS $\times$ UNIT PRICE IN THE CONTRACT

(EXAMPLE 3) . . . PROPORTION TO THE NUMBER OF SHEETS  
(CONSIDERING THE GRADE)

CHARGE FOR USE=NUMBER OF SHEETS TO BE PROCESSED $\times$ UNIT PRICE IN  
THE CONTRACT $\times$ GRADE COEFFICIENT

GRADE COEFFICIENT:ROUGH PROCESS:0.8

USUAL PROCESS:1.0

FINE PROCESS :1.4

(EXAMPLE 4) . . . PROPORTIONAL TO THE NUMBER OF SHEETS PROCESSED-  
THROUGHPUT DELAY (CONSIDERING THE GRADE)

CHARGE FOR USE=NUMBER OF SHEETS PROCESSED $\times$ UNIT PRICE IN  
THE CONTRACT $\times$ GRADE COEFFICIENT-RUNNING TIME $\times$ (1.4-GRADE COEFFICIENT)

(EXAMPLE 5) . . . PROPORTIONAL TO THE NUMBER OF SHOTS-THROUGHPUT DELAY  
(CONSIDERING THE GRADE)

CHARGE FOR USE=TOTAL NUMBER OF SHOTS $\times$ UNIT PRICE IN  
THE CONTRACT $\times$ GRADE COEFFICIENT-RUNNING TIME $\times$ (1.4-GRADE COEFFICIENT)

**FIG. 6**

## EXAMPLE OF CHARGE REPORT

61

&lt;REPORT OF CHARGE FOR USE&gt;

62

CUSTOMER ID:EB\*\*\*\*\*

COLLECTION DATE:2000\*06/20

63

64

CHARGE FOR USE:\$x. xxx. xxx  
(PRECEDING DAY:\$Z. ZZZ. ZZZ)

65

(CALCULATION CONDITION)

NUMBER OF SHEETS TO BE PROCESSED:13 SHEETS

RUNNING TIME:12HOURS

TOTAL NUMBER OF SHOTS:3.3E9

PRODUCT GRADE COEFFICIENT:1.0

APPARATUS CONDITION COEFFICIENT:0.1

CALCULATION ALGORITHM:No.4

**FIG. 7**

## EXAMPLE OF PERIODICAL CHARGE REPORT

71

&lt;REPORT OF MONTHLY CHARGE FOR USE&gt;

72

CUSTOMER ID:EB\*\*\*\*\*

COLLECTION DATE:2000/05/21 ~2000/06/20

73

74

CHARGE FOR USE:\$x. xxx. xxx  
(PRECEDING DAY:\$Z. ZZZ. ZZZ)

75

(CALCULATION CONDITION)

TOTAL NUMBER OF SHEETS PROCESSED:124 SHEETS

TITAL RUNNING TIME:240 HOURS

TOTAL NUMBER OF SHOTS:8.3E12

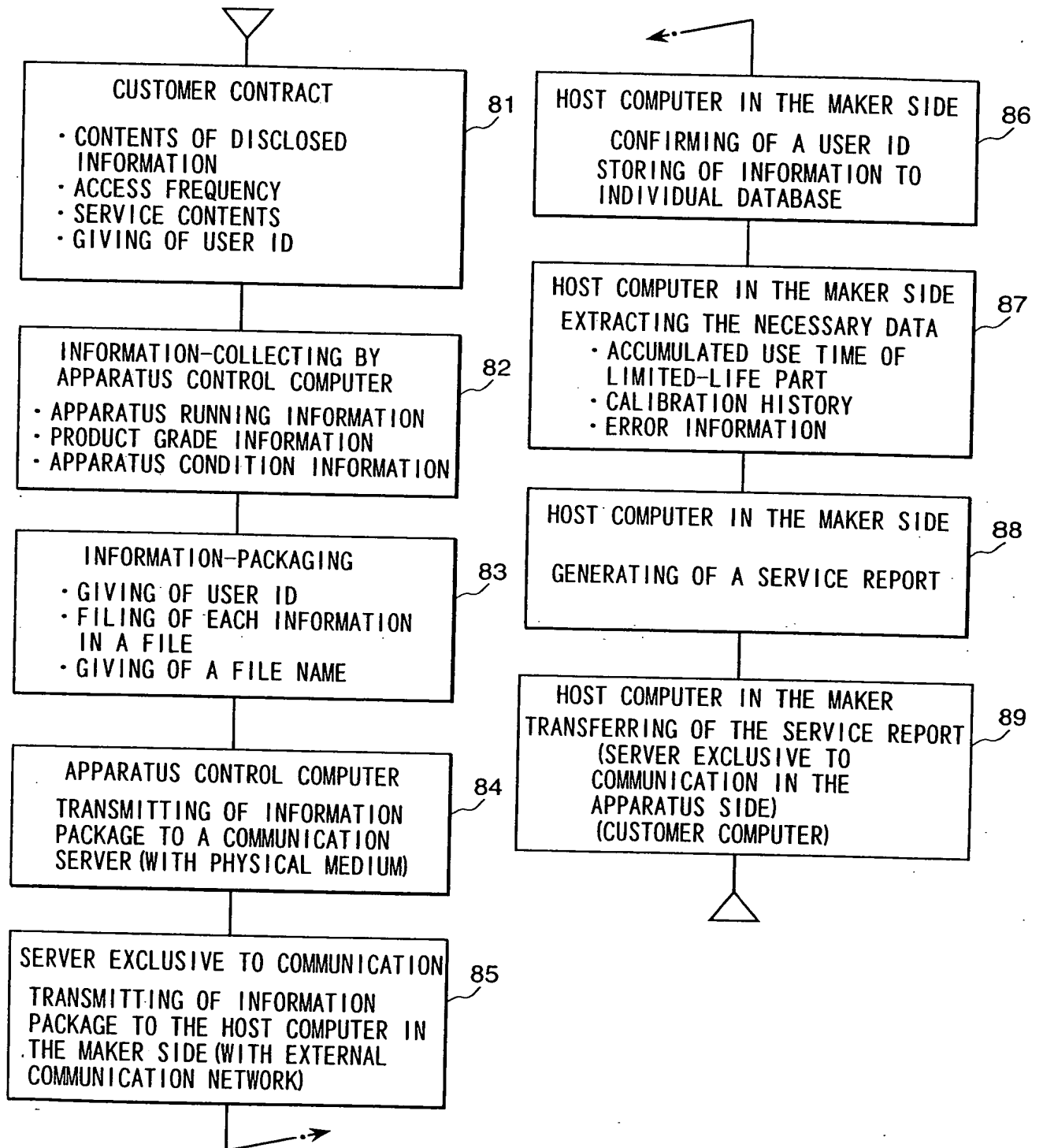
AVERAGE GRADE COEFFICIENT:1.2

AVERAGE APPARATUS CONDITION COEFFICIENT:0.1

CALCULATION ALGORITHM:No.4

FIG. 8

## SERVICE SYSTEM FLOW



## FIG. 9

### EXAMPLE OF SERVICE REPORT

91

#### <SERVICE REPORT>

92

CUSTOMER ID:EB\*\*\*\*\*  
COLLECTION DATE:2000\*06/20

93

94

#### 1. LIMITED-LIFE PART INFORMATION

##### (1) PA HALOGEN LAMP

- ACCUMULATED USE TIME:150 HOURS
- RECOMMENDED EXCHANGE TIME:NEXT PERIODICAL CHECK(2000/12)

95

#### 2. CALIBRATION HISTORY INFORMATION

##### (1) CURRENT DENSITY

- CURRENT DENSITY CHANGE DURING 7 DAYS IS 0.05.
- ESTIMATED CHIP EXCHANGE TIME IS 2001/03.

96

#### 3. ERROR INFORMATION

##### (1) MARK DETECTION

- STANDARD MARK DETECTION REPRODUCIBILITY HAS EXCEEDED THE TOLERABLE VALUE
- CHANGE OF MARK POSITION USED IS RECOMMENDED.



FIG. 10

EXAMPLE OF USER ASSISTANCE

101

<REQUEST ENTRY COLUMN>

102

CUSTOMER ID:EB\*\*\*\*\*

COLLECTION DATE:2000\*06/20

103

104

1. CONCERNING THE ACCURACY

GIVE A MARK TO THE ITEM FOR FURTHER IMPROVEMENT IN THE ACCURACY.

☐ SIZE ACCURACY   ☐ CONNECTION ACCURACY   ☐ POSITION ACCURACY  
☐ ALIGNMENT ACCURACY

PLEASE FULL IN THE TARGET SPECIFICATION OF THE  
 ACCURACY IMPROVEMENT.

SIZE ACCURACY:                  CONNECTION ACCURACY:

POSITION ACCURACY:          ALIGNMENT ACCURACY:

2. CONCERNING THE CALIBRATION ACCURACY

GIVE A MARK TO THE ITEM FOR FURTHER IMPROVEMENT IN  
 THE ACCURACY.

☐ COMPENSATION FOR BEAM SIZE                  ☐ BEAM ALIGNMENT  
☐ COMPENSATION FOR DEFLECTION              ☐ HEIGHT DETECTION

DISTORTION

☐ COMPENSATION FOR FOCUS  
☐ CURRENT DENSITY MEASUREMENT

3. OTHERS

PLEASE FILL IN YOUR REQUEST.

FIG. 11(i)

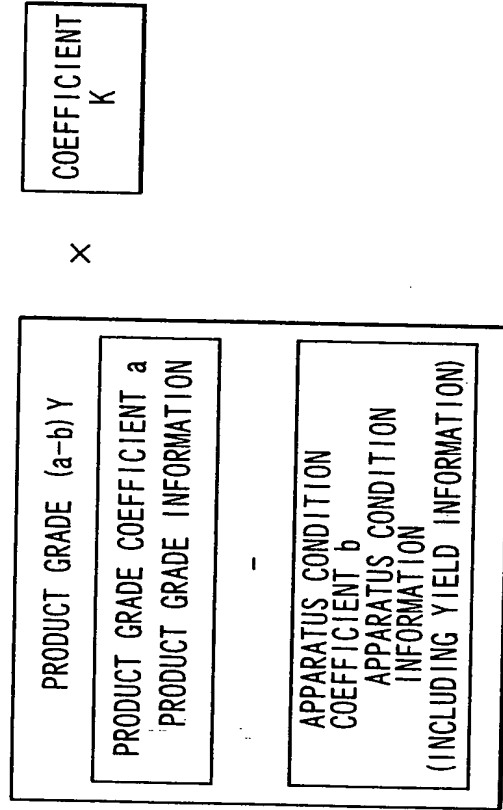


FIG. 11(ii)

